CHEMISTRY SECONDARY SCHOOL

SCHEME OF WORK

TEACHER'S NAME : _____ SUBJECT: CHEMISTRY CLASS : S.2 STREAM;____ TERM: I YEAR: 2025

Week	Period	Theme And Topic	Competency	Learning Outcomes	Teaching/Learning Resources	Methodology And Techniques	References	Remarks
01	12	Theme: Acids and Alkalis CHAPTER : ACIDS AND ALKALIS	The learner should be able to appreciate the properties and importance of acids, bases and salts in everyday life	By the end of this chapter, the learner should be able to; -Recognise that locally available materials and substances are either acidic or alkaline -Understand the concept of pH as a measure of the strength of acids and alkalis. -Understand the reaction between acids and alkalis.	-Videos -Charts -Photos -ICT resources -Lab apparatus -Chalk board -markers -stick notes -learner's guide -teacher's guide	-Guided group discussion -Guided Research -Guided Discovery and Explanation -Brainstorming -creating a mind map	-Learner's guide -Teacher's guide -Understanding O'level chemistry by Livingstone Kaweesi -New certificate chemistry,4th edition by Atkinson A -New Complete Junior Chemistry by Atkinson A and Saleh Z -Chemistry 7th edition; McGraw-Hill	

01	02	Theme: Acids and Alkalis Topic: SALTS	The learner appreciates that acids and alkalis form salts.	By the end of this chapter, the learner should be able to; -Be familiar with and be able to carry out neutralisation reactions to prepare salts. -Know and appreciate the uses of common salts in everyday life.	• Videos • Charts • Photos • IT resources • Lab apparatus	-Guided group discussion -Guided Research -Guided Discovery and Explanation -Brainstorming -creating a mind map	-O'level chemistry for East Africa by Sinclair M -Learner's guide -Teacher's guide -Understanding O'level chemistry by Livingstone Kaweesi -New certificate chemistry,4th edition by Atkinson A -New Complete Junior Chemistry by Atkinson A and Saleh Z	

02	02		The learner appreciates that acids and alkalis form salts.	Learners should be able to; • Know and appreciate the uses of common salts in everyday life (k, s)	• Videos • Charts • Photos • IT resources • Lab apparatus	-Guided group discussion -Guided Research -Guided Discovery and Explanation -Brainstorming -creating a mind map	• Teacher's and learner's notes • Chemistry workbooks • Learner's Books and Teacher's guide • O'level chemistry by Kaweesi Livingstone • New certificate chemistry	

03	02	Theme: THE PERIODIC TABLE Topic: THE PERIODIC TABLE	The learner investigates the diversity of the elements in the Periodic Table.	Learners should be able to; -understand that elements can be grouped into metals and non- metals and relate the physical properties of metals and non-metals to their uses (k, u, s)	• Videos • Charts • Photos • IT resources • Lab apparatus	• Guided group discussion • Guided Research • Guided Discovery and Explanation • Brainstorming	• Teacher's and learner's notes • Chemistry workbooks • Learner's Books and Teacher's guide • O'level chemistry by Kaweesi Livingstone • New certificate chemistry	

04	02	Theme: THE PERIODIC TABLE Topic: THE PERIODIC TABLE	The learner investigates the diversity of the elements in the Periodic Table.	Learners should be able to; -know that the Periodic Table is a classificationof elements according to their atomic or proton number (k)	• Videos • Charts • Photos • IT resources • Lab apparatus	-Guided group discussion -Guided Research -Guided Discovery and Explanation -Brainstorming -creating a mind map	• Teacher's and learner's notes • Chemistry workbooks • Learner's Books and Teacher's guide • O'level chemistry by Kaweesi Livingstone • New certificate chemistry	

05	02	Theme: THE PERIODIC TABLE Topic: THE PERIODIC TABLE	The learner investigates the diversity of the elements in the Periodic Table.	Learners should be able to; -relate the arrangement of electrons in the first 20elements to their positions in the Periodic Table (u, s)	-Videos -Charts -Photos -ICT resources -Lab apparatus -Chalk board -markers -stick notes -learner's guide -teacher's guide	• Guided group discussion • Guided Research • Guided Discovery and Explanation • Brainstorming	• Teacher's and learner's notes • Chemistry workbooks • Learner's Books and Teacher's guide • O'level chemistry by Kaweesi Livingstone • New certificate chemistry	

06	02	Theme: THE PERIODIC TABLE Topic: THE PERIODIC TABLE	The learner investigates the diversity of the elements in the Periodic Table.	Learners should be able to; -understand the relationship between the position of elements in groups and the charge onthe ions that they form (u)	-Videos -Charts -Photos -ICT resources -Lab apparatus -Chalk board -markers -stick notes -learner's guide -teacher's guide	-Guided group discussion -Guided Research -Guided Discovery and Explanation -Brainstorming -creating a mind map	• Teacher's and learner's notes • Chemistry workbooks • Learner's Books and Teacher's guide • O'level chemistry by Kaweesi Livingstone • New certificate chemistry	

H.O.D's COMMENT